



COLORADO SPRINGS,
COLORADO

INSIDE THIS ISSUE:

VE Testing	page 2
General/Board Minutes	page 3
Colorado Traffic Jam	page 4
Club Calendar	page 5
Nikola Tesla Article	page 6
General License Class	page 7
OM/YL Lunch Bunch	page 7
Radio Exam Session	page 8
CCARC Meeting	page 8
Dits and Bits	page 8
Ø-Beat Traffic Net	page 9
501C3 Article	page 10
Hamfest Flyer	page 12

MARCH 1995



Pikes Peak Radio Amateur Association, Inc.
P. O. Box 16521
Colorado Springs, Colorado 80935

FIRST CLASS MAIL



Ø BEAT



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ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets monthly on the second Wednesday of each month at the Disabled American Veterans, Chapter 26, 6880 Palmer Park Blvd. at 7PM.

EDITORS: Kathie Martin, NØYTQ and Mike Martin, NØOCZ, 3148 Maverick Drive, Colorado Springs, Colorado 80918 (719)594-9339. **Deadline** for submission of articles or ads is the 20th of each month. Submissions may be sent to the Editor or to the club PO box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

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Committee Chairpersons, etc.

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Membership	Les Borst	634-3995
Education	Al Bailey	597-8514
VE Testing	Rick Brown	531-9423
Interference	Bill Petty	591-2116
RACES	Doug Moloney	unlisted
ARES	Mike Stansberry	636-1290
Skywarn	Steve Westby	570-1070
Public Service	Mike Stansberry	636-1290
CCARC	Oak Stockton	570-7782
Club Trailer	Harry Russell	749-0244
Ø-Beat	Kathie Martin & Mike Martin	594-9339
Club Historian	Al Craig	594-9288
Falcon Wanderers	Bob Nyman	574-6161
Programs	John Martin	531-6369
Swapfest	Harvey Hunter	697-8964
Finance	John Martin	531-6369

Reminder - March Meeting

The next meeting of the PPRAA will be held on Wednesday, March 8th at the Disabled American Veterans Hall located at 6880 Palmer Park Blvd. The meeting starts at 7:00 PM. Program will be "Haitian Vacation."

VE Testing

Rick Brown - KDØSU

VE Testing is sponsored by the PPRAA on the 2nd Saturday of February, April, June, August, October, and December. Testing takes place at 9:00 AM at:

Denver Technical College (DTC)
225 South Union
Colorado Springs

Pre-registration is preferred as it helps to cut down on the time you stand in line at the test session. Walk-ins are accepted on a space available basis. Anyone wishing to take an examination should bring the following items.

1. \$5.90 (preferably a check or money order made out to ARRL/VEC) for any exam other than element 1A or 2.
2. Picture identification.
3. A copy of your current amateur license as well as the signed original. A copy of any examination credit you have as well as the original. **We keep the copies.**
4. Pen, pencils, and a calculator if you need one.

To pre-register, or if you have any questions, please call me at 531-9423. Please do not call DTC, they only provide us the rooms for testing and they do not have any information concerning the test session.

**PPRAA GENERAL MEMBERSHIP
MEETING
February 8, 1995**

The general membership meeting was open at 7:00 p.m. by the President Steve Westby, WB7VHR, upon determining a quorum of the membership was present. Members and guests introduced themselves. The treasurer report was given by Ron, NKØP. The minutes of the January 11, 1995 meeting, as published in the Ø-beat, were approved as written.

Committee Reports:

V.E. Testing: Rick, KDØSU, reported a Test session will be held on Saturday, February 11 at the Denver Tech Institute on Union Blvd. Cost is \$5.90. Pre-registration is encouraged. Pre-registration is defined as a completed 610 to Rick prior to Friday night. Telephone calls are not considered pre-registration.

A.R.E.S. Liaison: Mike, KØTER, report on an A.R.E.S. exercise scheduled for April. Mike reminded the members that the ARES HF nets were held on 3928 KHz on Sunday morning, 8:30 local time.

Public Service: Mike, KØTER, announced a list of Public Service activities coming up this spring and summer. They included Tour De Cure, Walk for Children, Pikes Peak Hillclimb, and the MS150. As details become known he would solicit help.

Interference: No interference was reported.

CCARC: A reminder that the next CCARC will be held in Colorado Springs at the Falcon District Police Station on March 25th. All are encouraged to come to show support.

Ø-BEAT: Kathie, NØYTQ, reminded everyone that the cutoff date for the next Ø-BEAT was February 20th.

Programs: John, NØURR, announced the March club meeting topic will be a Haitian Vacation.

Swapfest: Harv, WA3EIB, and Rosie, WAØMNL, brought the membership up to date on the swapfest status. Major prizes are all bought. A raffle license was in hand. They also

had heard from about 25 commercial vendors. All is going well. We need to sell tickets.
Skywarn: Steve, WB7VHR, announced Skywarn training will be March 25th and April 1st. Location to be announced when confirmed.
Old Business: The Board of Directors recommended a Bylaws change that would reduce the quorum requirements so that the Association could continue to function legally. A motion was made and seconded to amend Article II, Section 5 to change the quorum requirements from 30% to 15%. The motion was past.

New Business: The Board accepted, with regret, Luci's resignation as Secretary. Steve expressed the gratitude of the members to Luci for the super job she had done. Nominations were opened by the President for a replacement for Luci. Warren Hickey, WØYNE was nominated and elected unanimously. John, NØURR, reported on a task to obtain 501C3 exception status. John asked everyone to provide inputs as to where they would like to see the Association go and grow in the future. Next Board meeting will be held at Ron's, NKØP, house on Monday February 13th at 7:00 p.m. If you intend to attend please let Ron know.

Respectively submitted by Warren, WØYNE, Secretary

**PPRAA BOARD MEETING MINUTES
February 13, 1995**

The Board of Directors meeting, held at the home of Ron Deutsch NKØP, was called to order by the president at 7:00pm.

Ron review the financial status of the association. Ron requested authority for \$25 for the picnic reservation. He also briefed the Board on the status of the 501C3 study. It appears Marshall Quait, the Rocky Mountain Director, who is also a lawyer will, when we are ready, handle the paper work for the PPRAA without charge. The committee will continue to gather the facts for a presentation at a future general membership meeting.

There was a general discussion of the need for a budget. This will be discussed in more detail at the next board meeting.

The board reviewed the status of the Swapfest. There were some good ideas on events, Steve asked if those with ideas would get with the Harv, the Swapfest chairman. All were asked to help Rosie with the sale of tickets. Ticket sales are important to the success of the event.

A tentative date was established for the picnic. It will be announced when it is finalized.

The picnic will be at the Air Force Academy Picnic area #3. A tailgate type swap will be planned for before or after the food. More to come. A chairman for the picnic is needed. Several members have already volunteered to help.

Being no further business the meeting was adjourned.
Respectfully submitted Warren Hickey, WØYNE.

COLORADO TRAFFIC JAM

February 12, 1995

To: All ARES and RACES officers and members

From: KAØDXM Richard Ferguson, Section Emergency Coordinator and KØTER Mike Stansberry, Section Traffic Manager

What is it: A week-long exercise of the National Traffic System, (NTS).

When: April 1 through 9, 1995 (UTC)

Who should participate: Members of Colorado ARES, RACES, and other groups. We hope that at least half the members of each group will participate.

Purpose: To familiarize ARES & RACES members with NTS format and procedures, and to exercise the National Traffic System.

Background: Most amateurs, including ARES members, do not have experience with the national traffic system. However, in emergencies at home and far away, most traffic will be handled using NTS. This is particularly true of health and welfare traffic.

How to participate: Basically, to participate, each ARES member will generate and send two pieces of NTS traffic. Each ARES district will have designated amateurs to receive this traffic. The station that receives the traffic (the designated receiver) will reply and acknowledge receipt.

Traffic can be sent using FM, SSB, CW, packet, or other modes. We want to encourage participants to try more than one mode. Stations using more than one mode can send an additional message for each additional mode, if they wish. Information on traffic handling procedures and nets will be provided to the ECs and on packet. Local groups are encouraged to arrange for an NTS station to participate in their nets and meetings, to help educate and train their members. We also want to encourage club newsletters to print information about the traffic jam.

There will be several designated receivers. Each group will be assigned two specific designated receivers. The designated receivers will be inside and outside the state of Colorado. The designated receiver will immediately send a reply message, acknowledging receipt, including message number.

Suggested message text of message to designated receiver: "COLORADO TRAFFIC JAM DISTRICT Y TEST MESSAGE X JOE HAM 123 MAIN ANYTOWN CO 80123 719-345-6789". (Of course, Y is the number of the originator's district). Sign with your full name and call. (In this example, Joe Ham). We are having you include your own address and phone number in the text of the message to facilitate a reply.

We think that this should be a fun event, should help familiarize ARES & RACES members with the NTS, and should also provide a test and exercise for the Colorado stations participating in NTS.

LIST OF MAJOR COLORADO TRAFFIC NETS

Note: If you are not familiar with a particular net, we recommend that you listen to it once before checking in with traffic. All of these nets are held daily.

Southern Colorado Traffic Net	146.97	8:00 PM local
Columbine Net	3.989	0200 UTC
South West Traffic Net	3.935	0330 UTC
Colorado Wyoming Net (Slow CW)	3.715	7:30 PM local
Central Colorado Traffic Net	Colo. Conn.	7:30 PM local
Northern Colorado Traffic Net	145.115	8:00 PM local

LIST OF DESIGNATED RECEIVERS FOR COLORADO TRAFFIC JAM

Southeast Colorado, including Colorado Springs	
Robert Howe W7EP	Raymond Rich W7MBS
1317 North Bedford Pl	3360 Winesap Rd
Tucson AZ 85715	Salt Lake City UT 84121
520 296-5257	801 943-5695

KAØDXM 2/12/95



PPRAA CALENDAR

March 05 - April 15, 1995

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
March 5 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97	March 6 7:00 PM ARES NET 144.22 8:00 PM SCTN 146.97	March 7 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97	March 8  7:00 PM PPRAA Mtg DAY "Harrison" Vacation" 8:00 PM SCTN 146.97	March 9 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	March 10 8:00 PM SCTN 146.97	March 11 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 8:00 AM Village Inn Monument 8:00 PM SCTN 146.97
March 12 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97	March 13 7:00 PM ARES NET 144.22  7:00 PM PPRAA Board Meeting 8:00 PM SCTN 146.97 	March 14 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97	March 15 7:00 PM MARC Meeting Woodland Park 8:00 PM SCTN 146.97	March 16 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	March 17 8:00 PM SCTN 146.97  St. Patrick's Day	March 18 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 8:00 PM SCTN 146.97
March 19 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97	March 20 7:00 PM ARES NET 144.22 8:00 PM SCTN 146.97	March 21 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97  First Day of Spring	March 22 8:00 PM SCTN 146.97	March 23 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	March 24 8:00 PM SCTN 146.97	March 25 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 1:00 PM CCARC Meeting at Falcon Substation 8:00 PM SCTN 146.97 
March 26 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97	March 27 7:00 PM ARES NET 144.22 8:00 PM SCTN 146.97	March 28 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97	March 29 8:00 PM SCTN 146.97	March 30 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	March 31 8:00 PM SCTN 146.97	April 1 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 8:00 PM SCTN 146.97  April Fool's Day 
April 2 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97  Daylight Savings Time Begins	April 3 7:00 PM ARES NET 144.22 8:00 PM SCTN 146.97	April 4 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97	April 5 8:00 PM SCTN 146.97	April 6 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	April 7 8:00 PM SCTN 146.97	April 8 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 8:00 AM Village Inn Monument 8:00 PM SCTN 146.97
April 9 8:00 AM COLORADO ARES NETS 3928.0 6:30 PM RACES HF NET 3990.5 8:00 PM SCTN 146.97	April 10 7:00 PM ARES NET 144.22 8:00 PM SCTN 146.97	April 11 7:00 PM ARES NET 146.97 8:00 PM SCTN 146.97 9:00 PM RACES NET 146.97	April 12 8:00 PM SCTN 146.97	April 13 8:00 PM SCTN 146.97 9:00 PM CMRG Info Net 147.345	April 14 8:00 PM SCTN 146.97	April 15 7:00 AM Village Inn Breakfast 7:30 AM Country Kitchen Widefield (WZTIO) 8:00 PM SCTN 146.97

NIKOLA TESLA—A SHORT-TIME COLORADO RESIDENT WRITTEN OUT OF AMERICAN HISTORY

Written by Mel Hosea, W3TMR

Had you been a resident of Colorado Springs just before the turn-of-the 20th Century you may have been acquainted with Nikola Tesla. Chances would have been slim. He was a shy eccentric, well known by very few individuals. However, he did have some very close friends throughout his life. Counted among these were William K. Vanderbilt, a millionaire of the period, Robert Underwood Johnson, a magazine editor, and Mark Twain. A perennial bachelor, he could have perhaps married Anne Morgan, daughter of J. Piermont Morgan who had a crush on Nikola for sometime.

When Tesla arrived in Colorado Springs in May of 1899, Cripple Creek was well on its way to becoming the "World's Greatest Gold Camp." This new bonanza lay on the other end of the Midland Terminal railroad out of Divide, and fifteen miles beyond Pikes Peak from Colorado Springs. Colorado springs became the home of many who struck it rich from Cripple Creek gold. Nikola Tesla was here for another reason.

Tesla was born in 1856 in the province of Lika, Croatia, in the village of Smiljan. His mother was a Croate, his father a Serb, families whose descendants are involved in civil strife today. It is said that he was born during a severe electrical storm around midnight and that it is uncertain whether his birth date is the 9th or the 10th of July. That experience may have foretold his future in Colorado Springs and given reason for the title of a book published many years later, "Lightning in His Hand," by Inez Hunt and Wanetta W. Draper.

In Tesla's homeland, career choices were pretty much limited to farming, the Army, or the Church. His father, a minister in the Serbian Orthodox Church had hopes that his son would aspire to the Clergy. This was not to be. While Tesla was away at school, living with an uncle, he contracted malaria. Having recovered somewhat while finishing school, he was about to return home when he received word of a cholera epidemic and that he must not come. He did, however, and in a weakened condition came down with this disease. The successive illnesses left him near death. His father realized that he must have every incentive to survive and yielded. He promised Nikola that if he would live he should have the best technical training available. He did survive, and it was then he attended the advanced Technical School at Graz in 1875 and finished at the University of Prague in 1880.

It was during this time that Tesla became interested in electric motors and in particular, rotating magnetic field types leading to his patented polyphase alternating current generation and distribution system. Before he came to the United States he was employed by several companies, including the American Telephone Company in Budapest installing the newly patented telephone invented by Alexander Graham Bell. Charles Batchelor, a friend of Thomas Edison, was impressed with Tesla's work and recommended him to Edison. Tesla came to the United States in 1884 and was employed by Edison in his facility at Menlo Park, in Orange, New Jersey.

This association did not last long. Edison advocated the use of direct current (DC) for lighting and powering street cars. He proclaimed that the generation and use of alternating current (AC) was too dangerous to use. Tesla, in opposition, maintained that alternating current equipment could operate without commutator brushes, and that transmission of the AC could be accomplished over lines with much less power loss, and therefore better efficiency. He claimed that many other advantages existed over direct current use. Thus began the "Battle of the Currents."

George Westinghouse, the inventor of the railroad air brake, teamed up with Tesla to bid on a project to harness Niagara Falls for the purpose of generating AC power for wide spread use. Westinghouse, a hard-driving business man, was the source of capital, but he needed the use of patents held by Tesla, as well as his knowledge to accomplish the task. In 1895 Tesla completed the design and construction of a three-phase, alternating current power plant capable of 15,000 horsepower. In electrical terms that is equivalent to more than 10 million watts! The installation was the electrical engineering feat of the century. Nikola Tesla came to Colorado Springs to perform high frequency oscillation experiments and tests. He had previously written to Leonard Curtis, a patent attorney who had protected his patent rights during court battles in the East. He told Curtis that the tests were secret and that the equipment produced 4,000,000 volts-sparks that are a fire hazard. He added, that he needed electrical power, water and a laboratory. Curtis replied, "All things arranged, land will be free. You will live at the Alta Vista Hotel. I have interest in the City Power Plant so electricity is free to you." He arrived in May 1899.

Tesla was superstitious, as well as an eccentric, and had a morbid fear of germs. He chose room 207 at the Alta Vista for two reasons; it was divisible by three and on the second floor away from the crowds on the first. He could not explain why he favored numbers divisible by three, or why he was bothered by other obsessions that plagued him. At every meal he would use exactly 18 napkins with which to clean the table service.

Backed by John Jacob Astor and M. Crawford, a dry-goods merchant, Tesla built a huge laboratory on the fringe of what is now Memorial Park at Foote Street. The purpose was to study and experiment with high frequency and high voltages generated by what we know now as the Tesla Coil, which produces man-mad lightning. Atop the laboratory was a 200-foot mast with a copper ball 3 feet in diameter attached, with equipment capable of electrical potentials of more than 100 million volts. Signs were posted around the grounds, "KEEP OUT-GREAT DANGER!"

One evening in October of 1899, Tesla fired up his giant electrical apparatus. Kolman Czito, his able assistant, was to close the switch and to open it at Tesla's command. He did so while Tesla observed from outside the laboratory. The switch was closed and streams of lightning crackled and snaked out from the ball atop the tower for 135 feet. The experiment unleashed an estimated 12 million volts and the thunder produced was reportedly heard in Cripple Creek. The fire works lasted little more than a minute, followed by a telephone call from the Colorado Springs power plant that the generator had failed and was on fire. The city was

blackout! Tesla agreed to repair the damaged generator at his own expense, and the city serviced his laboratory through a separate circuit with its own generator following the incident.

The world of science has only in recent years recognized the genius of one of its most important inventors. He has been written out of history. In his lifetime he submitted and was awarded more than 100 patents in the fields of electrical and mechanical engineering. It was Tesla, not Marconi, who invented radio: Tesla, not Edison who devised the system of electric power generation and distribution used throughout the world. In his New York laboratory, he invented the polyphase electric motor, the bladeless steam turbine and the radio-controlled guided torpedo. Before his death in 1943, during World War II, he conceived and proposed a "Star Wars" type of weapon to the military who, not so politely, turned it down.

The Nobel Prize in physics was awarded jointly to Tesla and Edison in 1915 but Tesla declined to accept the award not wanting to share it with his old rival. In his last days in New York, he lived in seclusion, having lost financial backing from John Jacob Astor and J. P. Morgan. Nearly every day he would go to the park to feed and care for his friends the pigeons. One memento, aside from a small sign in Memorial Park, exists in Colorado Springs. Tesla Drive, a north-south street commemorates the name of the short-time resident. It is divided into three sections by Palmer Park Blvd. and the railroad at Constitution. Again, "divisible by three!"

The Tesla Society maintains the Tesla Museum of Science & Industry at 2220 East Bijou Street here in Colorado Springs. Featured are many working displays of the marvels of electricity.



OM/YL LUNCH BUNCH

Four years ago a group of Ham Operators met for lunch to plan a demo we were doing at the Rustic Hills Mall. That was March and we had such a great time we met again the following month...thus the Lunch Bunch came to be. We meet the Thursday of the week following the PPRAA Club meeting and go to different places--so join us. If you have a favorite place we can give that a try. People come as early as 11:30 and we break up when the last one leaves. Everyone is cordially invited, and need not have a Ham license. We have out of town people who come fairly regular... people who are passing through the area, and of course the usual group. Our next luncheon will meet at the Country Harvest on East Platte. Twenty-four people attended the February meeting arriving at 11:30 and some stayed till 3:15. Hope to see you.

73's
Rosie Calaway, WAØMNL
471-9965



General License Class

by Allen Bailey

A General License class for those persons wishing to obtain or upgrade to General will be held at the International Tesla Society, 2220 East Bijou Street in Colorado Springs. The class is free to the general public; however, attendees should be prepared to purchase the ARRL "General Class License Manual." In addition to the manual, the examination will cost \$5.90.

The General class will be held each Monday and Wednesday evening beginning Monday, March 13th, and ending on Monday April 3rd. The class will cover General theory on amateur rules, regulations, and operating practices. Also included in the class will be basic electronic theory as well as antenna and transmission line theory as required to pass the General Licensing Examination.

Those persons wishing to attend should pre-register by contacting Allen Bailey at 597-8514 or Frank McNally at 596-8733 during the evening.



Dits and Bits

For Sale:

Robin #10 Tower, 30-ft. Heavy duty hinged steel base with fitting for custom Gin-pole. All 1/4" aircraft grade guy cables, earth anchors, turnbuckles & clevises. Gin-pole and cable included, for erection or lowering by one man! \$30. Cushcraft, 2-bay, 22-element 2-meter antenna array, includes matching harness, fittings, 50-ft + foam coaxial 50-ohm cable \$30 for all. The array is rotated by a 30-ft mast, a 10:1 ratio worm drive gearbox at the bottom, a driving shaft with a lathe handwheel. An "Armstrong Beam" rotator in the truest sense. This tower assembly is to be removed from my mountain cabin location, 10-miles south of Lake George, on Park County Road #403. I will furnish safety belt, ratchet hoist, all necessary supervision for the removal. Oak, KØROL

For Sale:

ICOM IC-38A 220 MHz 25-watt transceiver, HM-14 Touch-Tone mic. CSI Private Patch V Multi-Mode interconnect autopatch. This professional autopatch works on simplex channels, and contains programmable ID for your callsign, for both incoming and outgoing patches. Very reliable. Connects the phone line to the radio at an unattended location, ID's, disconnects upon command and ID's. Two National Bureau of Standards-designed 10-element, 2-bay yagi arrays, including Type "N" connectors, power-dividers and booms. This autopatch system beams its signals over Pikes Peak by "knife-edge" diffraction propagation, and has been successful for several years over a 50-mile path! Consider best offer for entire system, including Belden 9913 cable and ICOM IC-3AT handy-talkie for the 220 MHz band. Oak, KØROL

CCARC MEETING

PPRAA will host the next meeting of the Colorado Council of Radio Amateur Clubs at 1:00pm, Saturday, 25 March 1995. Location is to be in the Falcon Division Community Room, Falcon Substation, Colorado Springs Police Department, 7850 Goddard Street. Goddard Street is parallel to the north end of Academy Boulevard, within the loop of Kelly Johnson Boulevard, one block south of Interstate 25. Whit Brown, WBØCJX, Frequency Coordinator for Colorado, and Chairman, CCARC, will demonstrate the CCARC-owned Automatic Scanning and Recording Receiver. All amateurs are invited to attend, especially those operating a VHF-UHF repeater in Colorado. The PPRAA is a charter member of CCARC.

Radio Exam Session

By Rick Brown - KDØSU

Wow!! We had a great exam session in February. There were 51 people who took 96 different exams. This was the largest exam session we have had other than at a swapfest. Congratulations to the following individuals earning new licenses or upgrades.

NOVICE

Rodger James Elmer Mikkelsen

TECHNICIAN

David Adams	Ramon Garcia
Stuart Morrison	Patricia Conner
Shannon Charles	Jeffrey Underwood
Donald Wonders	Eldon Curtis
Kaye Stephens	Steve Kraeger
Johnny Holland	Amy Fry
Marvin Wetzgarger	Christian Pence
Samuel Joseph	Peggy Swager

TECHNICIAN PLUS

Carlos Caro	Timothy Nader
Miriam Myers	
Harry Russell NØSFP	
David Wagner KBØQLR	
Scott Layher KBØPOA	

GENERAL

William Larson KBØQFQ

ADVANCED

Jeffrey Headington KBØMYC

There were many other individuals earning element credit. We look forward to seeing them soon to upgrade.

I would like to thank the following individuals for helping to give the exams.

Steve WB7VHR	Rob WB7WHT
Mike WU3H	Al NØTDS
EJ KDØNB	Dennis WØMLW
Ed WØVO	Joe KQØS
Tom WDØGVH	Bill K4YCD

Many of the people testing this time were from the Novice class taught by Frank, KFØWF. Congratulations on their success.

THINK UPGRADE IN 1995!!!

Ø-Beat Traffic Net

Greetings to PPRAA human people,

We hope you had a happy Valentine's Day. We think that Valentine's Day is a wonderful custom.

Our friend, Dr. Snufflestump, enjoyed the winter survival program that was presented at the last meeting. He was happy to know that human people could find ways to stay safe in the cold. We mumlops are very fond of human people and we become distressed when we hear about human people getting hurt.

We mumlops are fortunate because we can adapt to the cold very easily. No mumlop has ever developed hypothermia or frostbite. It has to do with our lops, our shape and our fuzz. If you are interested, Dr. Snufflestump would be happy to explain the physiologic details. However, Dr. Snufflestump will understand if the PPRAA members do not possess a burning desire to know about mumlop physiology.

We are happy that you were able to resolve the quorum question. We understand that the PPRAA is considering going to a "non-pecuniary gain" status. We do not quite understand this. We know that PPRAA members profit in many ways through their participation in club activities. Frequently, human people from outside of the club profit from the things that PPRAA members do for them. The profit, however is not of a pecuniary nature. Therefore, the PPRAA is in fact a non-pecuniary gain club.

As confused as we are about this issue, we do understand that human person affairs are complicated by crazy bureaus (bureaucracies). We have learned that for an organization to become officially non-pecuniary gain, it must meet many requirements of the crazy bureaus. So, if the PPRAA does not have to spend too much money or time to meet these requirements; and if changing to official non-pecuniary gain status will help the PPRAA members do the things they are so good at and enjoy so much, our opinion would be that you should go for it.

We obviously do not understand the human person crazy bureaus. However, if the PPRAA members understand the effect of applying for and receiving the status of a non-pecuniary gain organization in terms of how the organization would be affected, the decision should be an easy one.

Human people must have very great minds to invent such amusing things as crazy bureaus.

We know that the PPRAA will make the best decision. Whatever decision you make, just remember that the PPRAA is not what is really important. What is important is you human people and the good stuff that you do.

Ta Ta for now. We leave you with a mumlop blessing:

May you clear every hurdle and may your milk never curdle.

Prunella and the gang.

FROM THE PRESIDENT OF PPRAA

My thanks to everyone who attended February's meeting. We managed to make a quorum at the old 30%-of-membership level, allowing us to vote on changing the quorum level to fifteen percent. The vote passed and the By-laws were amended. We will be able to continue the club's business.

I would like to see the day when we must change the quorum requirement back to 30 percent. This can happen only if more club members attend meetings. All of the public service events and various other activities the club is involved in require maximum attendance on the part of our members. I urge those of you that attend sporadically (or not at all) to make the meetings, volunteer, sign up for the activities. As attendance grows, so will the PPRAA's ability to serve the public.

If you believe there is nothing for you to get involved in, invent something! Use that natural creative ability that all Radio Amateurs seem to have. How about spearheading a simple homebrew project that everyone can build. It could evolve into a program for one or more meetings.

Is there another agency in the area that we can serve, or one that we can improve our service to? Can we start an additional education committee, one that can advise new hams in our hobby's customs and traditions?

Is there a group supported by the club that you are interested in? How about the Amateur Radio Emergency Service? ARES can always use additional members. SKYWARN classes are coming up, join in! The only requirements are that you must be willing to make an active commitment to these groups.

Every group currently active in the club is guaranteed "New Ham Friendly". Sometimes newly licensed hams are unsure if they should volunteer for an activity. In their inexperience they are afraid they would not be welcomed by the "old-timers". I can assure you that in the Pikes Peak Radio Amateur Association, such is not the case. Get the experience by joining in! Nearly every group could use more people willing to help. The Hamfest crew is a prime example; they certainly could use additional volunteers.

My point is this: attend the meetings, get involved. Our club is only as strong as its most active members. See you at the March meeting!

73 de Steve, WB7VHR

President, Pikes Peak Radio Amateur Association

From Rosie, WA0MNL

I want to thank everyone for their cards, prayers, calls, and well wishes when I was ill. I am on the road to recovery and am feeling better.

Dream On..

Perhaps you are like me.... I have always thought of the PPRAA as a nice, informal club of folks who have a love for radio like I do; a nice relaxed, low-profile, low-impact kind of down-home club. And indeed, that is what it is. That is the kind of club we have built and it is the kind of club that has met our needs just fine, thank you. We all are grateful to the people who formed the club back in 1965 and have built into each of our lives through the advancement of our hobby through the PPRAA.

But...times do change. We had an interesting discussion at the board meeting last month in which we discussed the idea of becoming a tax-exempt organization. Today we are a non-profit corporation which limits the liability of the club members and officers in the event a club activity would find us in a lawsuit. However, if we are able to become tax-exempt we will be able to receive grants of money, equipment, and facilities we don't have access to now, and private or corporate donors to the club can claim their donation as a tax deduction. This is all tempting, of course, but comes with some strings attached... mainly new levels of discipline in record keeping.

We didn't discuss this for long before we were deep into a larger discussion.. I mean, like, where do we want to go with the PPRAA? What is our vision for the future? What do we want the club to do for us? What do we want to do in the club? The ideas ran wild... like what if we were the "ARRL of the West" with our own ham magazine, our own international contests, and our own employees, our own lobby in Washington... WOW! The other side was "Stay the way we are, don't fix what aint broke...", WHEW! Well, ideas began to bloom in between these two extremes and we began to see that our little question of tax-exempt status had placed the infamous "raison d'ete" query squarely in our path (ok, ok, it's French for "reason for being").

So, what's it to you? Let yourself go for a moment, and dream..... if you were King of the Universe what would you do with the PPRAA? Maybe to answer this question you will have to ask yourself what YOU want from YOUR Amateur Radio hobby. After all, the purpose of the club is to help advance the hobby, and if it is going to do that it has to "advance" it for you, right? I mean, am I right? Ok, then, wha'd ya want?

Certainly the club, as currently conceived, provides a social meeting place for people with interest in Amateur Radio. However, less than 25%

of the current club members are present at the meetings. Why are the rest of the members in the club? I suppose it is the Q-Beat that attracts them, but who knows? Would some of these members come to the meetings if we expanded the meeting format somehow? Then there is the question of ARES, RACES, and other public events the club supports. These activities happen to be important to me personally because providing for the public good through Amateur Radio is one of the main reasons I am in the hobby. Should we have a formally trained auxiliary like El Paso Search and Rescue or like the Civil Air Patrol? What other activities could the club supply? Should we expand the Q-Beat and forget the meetings? Should we have more involvement in the ARRL? How should we be influencing or interacting with other Ham clubs in Colorado or the surrounding states? How big do we want to get? Should we plan to service Amateurs in Teller and El Paso counties only, or service the whole state?

And so the questions go on and on, but as King of the Universe you have the answers, don't you? Hope so, because I sure don't! Would you be willing to share your "dreams" for the club with me or other board members? I will compile your responses and present them to the board. We *really need* your wish-list for the club so we can give the boat a good quick kick in the stern and get it going in the right direction. In this case, the "right" direction is defined as the direction that provides the maximum benefit for the maximum number of club members.

Here's how you can get in touch with me...

VHF Usually hang around 146.97

Home Telephone 531-6369

Work Telephone 661-2705

Packet NØURR @ WØRA

Internet: RYER30@waccvm.corp.mot.com

Mailing Address:
6233 Colony Circle
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Won't you give it some thought and let me hear from you. Thanks for dreamin' with me.

John Martin, NØURR

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**Pikes Peak
Radio Amateur Association
Hamfest & Electronics Show**
Saturday May 20, 1995 - Colorado Springs
8:00 AM to 3:00 PM (Vendors 08:00 AM) VE TESTING 9 AM
Liberty High School - 8720 Scarborough Dr.
Exit 151 off I - 25 (detailed directions on back)



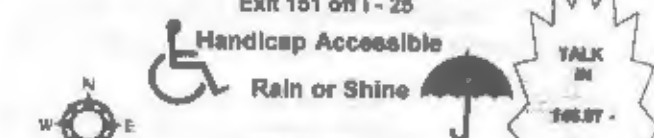
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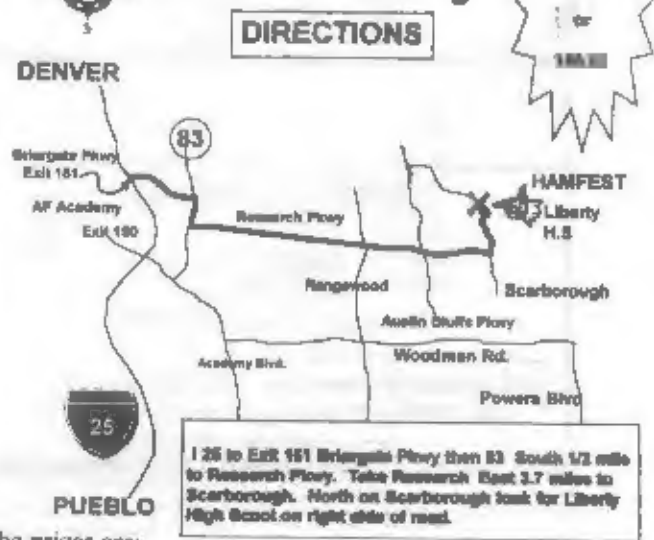
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Swapfest Info—Thanks to all who purchased raffle tickets. The prizes are:
ICOM 2340 H Dual Band Radio Brothers HL 630 Laser Printer
Sound Blaster Multimedia Kit Protek Multi-meter Tester
Everything is looking good for the Swapfest. If you can't make it to a club meeting to purchase raffle tickets, just let us know and we'll make sure you are afforded the opportunity. Rosie, WA0MNL

**Membership Application
Pikes Peak Radio Amateur Association, INC.**

P.O. Box 18521
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Date _____

Name _____

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Call _____ LicenseClass _____ Telephone _____

Are you an ARRL member? Yes ___ No ___
One year membership rates. (Year starts with the month you receive your first issue.)
Full Member \$15.00 Family Membership (same address) \$18.00
Over 65 \$12.00 Family Both over 65 \$12.00
Associate (outside El Paso or Teller Co.) \$12.00 Newsletter only \$12.00

Additional Names: _____ Call _____ Class _____

IF THIS IS A RENEWAL PLEASE CHECK HERE: _____
PLEASE TYPE OR PRINT CLEARLY!

Please note: Please submit a completed application form along with your check to the treasurer. This applies to new membership as well as renewals. Thank you.